

**NDSU Carrington Research Extension Center
2011 Variety Trial Data**

Soybean - Dryland, Conventional Varieties **Carrington**

Brand	Variety	Mat. Group ¹	Days to PM ²	Pod Ht cm	Plant Ht inch	Plant Lodge 0 to 9	Seeds/ pound	Seed Oil ³ %	Seed Protein ³ %	Test Weight lb/bu	----- Seed Yield -----		
											2011	2-yr. Avg.	3-yr. Avg.
NDSU	Cavalier	00.7	110.3	9	18.6	0	3497	19.2	32.9	57.0	29.3	45.5	44.2
NDSU	Ashtabula	0.4	.	9	22.3	0	3690	20.1	32	57.2	40.3	51.7	50.9
NDSU	Traill	0.0	112.0	9	20.7	0	3245	18.6	35.2	57.3	28.0	41.3	42.7
NDSU	Sheyenne	0.8	.	9	20.2	0	3700	19.2	33	57.5	26.6	46.1	48.7
NDSU	ProSoy	0.8	.	11	22.8	0	3460	17.5	37.4	57.0	25.3	39.6	42.2
NDSU	ND1005T	0.5	113.3	9	20.5	0	3110	17.8	38.2	57.5	24.3	38.2	--
Proseed	80-61 LL	0.6	.	9	21.0	0	3810	19.2	33.6	56.8	27.0	--	--
Proseed	11-30 LL	0.3	.	7	23.4	0	3845	19.2	34	58.2	42.1	--	--
PFS	LO5-11N	0.5	.	11	23.6	0	3459	19.6	33.3	57.1	35.5	--	--
PFS	L03-12	0.3	.	9	22.8	0	3800	19.5	33.5	57.7	31.3	--	--
Richland Organic	MK0205	0.2	.	7	17.3	0	5520	18	35.8	57.4	20.9	33.7	--
Richland Organic	MK0508	0.5	.	9	19.4	0	6989	17.2	33.9	58.1	19.0	38.6	--
Richland Organic	MK831	0.8	.	8	17.3	0	4547	18	34.7	58.3	21.7	--	--
SK Food	SK972	0.3	114.0	13	25.7	0	3028	19.4	34.5	57.6	26.2	--	--
SK Food	SK0786	0.7	.	11	23.4	0	3511	17.8	36.5	56.7	30.9	--	--
SK Food	SK095	0.9	.	10	22.8	0	6932	17.7	34.7	57.6	25.0	--	--
SK Food	SK918	0.5	.	11	21.8	0	3964	19.4	33.3	57.2	24.6	--	--
Meridian Seeds	MSS-09-001	00.9	110.3	9	22.8	0	2872	18	37.9	58.1	27.0	--	--
Meridian Seeds	MSS-10-005	0.1	.	9	21.8	0	3294	16.9	39.8	57.7	24.5	--	--
SK Food	SK0034	0.0	114.0	9	17.3	0	5657	17.2	34	57.8	19.2	--	--
Stine Seed	06LC26	0.6	.	10	22.3	0	3507	19.4	33.1	57.5	33.2	--	--
MEAN			111.3	9.4	21.3		4159	18.6	34.7	57.5	27.9	--	--
C.V. (%)			0.8	26.3	11.9		7.7	1.3	1.5	0.6	17.3	--	--
LSD 0.05			1.6	NS	4.2		524	0.4	0.7	0.6	8.0	--	--

Planting Date = May 23 ; Harvest Date = September 30 ; Previous Crop = Spring Wheat

¹ Maturity group based on data provided by seed company.

² Days to PM: average of 111 = September 11. The soybean varieties with PM (days to physiological maturity) noted had reached PM on at least 2 replicates at the time of the occurrence of 2 consecutive days of freezing temperatures.

³ Seed oil and protein contents reported on a 13% moisture basis.

* Saturated soil conditions existed across this trial from late July through mid-August, replicate #4 discarded due to flood damage.

** This trial was impacted by a hail storm on July 24, damage appeared uniform, subsequent yield loss was determined minimal.